

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6950865"	US-PGPUB; USPAT	OR	ON	2006/04/11 11:01
L2	0	"61157434"	US-PGPUB; USPAT	OR	ON	2006/04/11 11:01
L3	17	"6115743"	US-PGPUB; USPAT	OR	ON	2006/04/11 11:10
L4	103	(379/9.02,9.06).ccls.	US-PGPUB; USPAT	OR	ON	2006/04/11 11:12
L5	6	("5790633"   "5953389"   "6353902"   "6446123"   "6614882"   "6845148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/11 11:15
L6	1	DEPAOLANTONIO-JOE or DEPAOLANTONIO	US-PGPUB; USPAT	OR	ON	2006/04/11 11:16

## EAST Search History

S1	146	("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn.	USPAT	OR	OFF	2004/12/20 16:42
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## EAST Search History

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## EAST Search History

S7	0	(((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716"). pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519"). pn.) and optical) and "15454"	USPAT	OR	OFF	2003/04/10 18:02
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## EAST Search History

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S9	2	"6115743".URPN	USPAT	OR	OFF	2003/04/10 18:05



## EAST Search History

S10	0	"6456306".URPN.	USPAT	OR	OFF	2003/04/10 18:06
S11	17	("4817080"   "5049873"   "5109486"   "5185860"   "5196838"   "5226120"   "5261044"   "5276789"   "5295244"   "5315580"   "5414809"   "5471399"   "5572640"   "5649132"   "5819028"   "5825775"   "6115743").PN.	USPAT	OR	OFF	2003/04/10 18:06
S12	4	("5295244"   "5432907"   "5500934"   "5715394").PN.	USPAT	OR	OFF	2003/04/10 18:07

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## EAST Search History

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S29	10	("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn.) and (cross adj2 connect\$1)	USPAT	OR	OFF	2003/04/10 18:35
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## EAST Search History

S30	20	(("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn.) and ds\$1	USPAT	OR	OFF	2003/04/10 18:37
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## EAST Search History

S31	128	(("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn.) and (device)	USPAT	OR	OFF	2003/04/10 18:37
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## EAST Search History

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## EAST Search History

S33	4	(("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn.) and (slot adj2 number\$1)	USPAT	OR	OFF	2003/04/10 18:40
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## EAST Search History

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## EAST Search History

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## EAST Search History

S36	42	("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn.) and (version)	USPAT	OR	OFF	2003/04/10 18:42
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## EAST Search History

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S38	0	hwver	USPAT	OR	OFF	2003/04/10 18:43

## EAST Search History

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## EAST Search History

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## EAST Search History

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## EAST Search History

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## EAST Search History

S49	120	((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716"). pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519"). pn. ) and alarm\$1) or ((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ) and alarm\$1) or ((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ) and alarm\$1) or ((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ) and alarm\$1) or ((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ) and alarm\$1) or ((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591"). pn. ) and alarm\$1) or ((("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "588395
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## EAST Search History

S50	47	(("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn. ) and quer\$4	USPAT	OR	OFF	2003/04/10 19:17
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## EAST Search History

S51	4	(("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn. ) and concentrator	USPAT	OR	OFF	2003/04/10 19:18
S52	190	optical adj3 concentrator	USPAT	OR	OFF	2003/04/10 19:19

## EAST Search History

S53	114	optical adj concentrator	USPAT	OR	OFF	2003/04/10 19:21
S54	18	oc adj2 card\$1	USPAT	OR	OFF	2003/04/10 19:22

## EAST Search History

S55	72	(("6026293" "6115743" "5311593" "5655961" "5702304" "5741183" "5752882" "5820459" "5832228" "5836817" "5876284" "5883956" "5905712" "5960085" "5969632" "5974429" "6014430" "6162122" "6202153" "6253193" "6257981" "5530758" "6055508" "3652804" "5305200" "5323450" "5325418" "5325524" "5440739" "5574653" "5577209" "5586322" "5625669" "5732070" "5748617" "5748890" "5754120" "5765138" "5802178" "5809286" "5812670" "5832511" "5867689" "5884312" "5889863" "5903652" "5920257" "5923849" "5931946" "5940591").pn. ("5953654" "5960086" "5958010" "5979757" "5987426" "6009175" "6012144" "6055639" "6055429" "6055567" "6067620" "6084528" "6105012" "6124790" "6134671" "6137774" "6158007" "6169793" "6199753" "6218955" "6223219" "6218955" "6223219" "6243574" "6249865" "6272538" "6285745" "5913921" "5821937" "6229540" "5537585" "5802358" "5832522" "5999978" "6034652" "6038563" "6049879" "6064656" "6078898" "6085191" "6199049" "6212511" "6221011" "6212511" "6221011" "6236996" "6244958" "4792032" "4835372" "4857716").pn. ("4993068" "5283828" "5303163" "5382780" "5397884" "5464087" "5615268" "5614892" "5748085" "5892211" "5956404" "6151626" "6009097" "5949785" "6072798" "5949786" "6044080" "6243373" "6256675" "6298383" "5841992" "5450439" "5764736" "5805684" "5974133" "6061346" "6067289" "6111894" "6192281" "4476347" "4516248" "4536877" "4568930" "4584679" "4612653" "4623886" "4931791" "5265205" "5307346" "5340333" "5541982" "5625888" "5680446" "5878127" "5920567" "5960214" "5970416" "6011845" "6052382" "6081519").pn. ) and card\$1	USPAT	OR	OFF	2003/04/10 19:26
S56	1	"6229540".URPN.	USPAT	OR	OFF	2003/04/10 19:23



## EAST Search History

S57	3	("Re36444"   "5793974"   "5809282").PN.	USPAT	OR	OFF	2003/04/10 19:24
S58	3	"6115743"	USPAT	OR	OFF	2003/04/10 19:28
S59	4	("5285494"   "5452415"   "5920257"   "5946373").PN.	USPAT	OR	OFF	2003/04/10 19:28
S60	1	"6456306"	USPAT	OR	OFF	2003/04/10 19:28
S61	17	("4817080"   "5049873"   "5109486"   "5185860"   "5196838"   "5226120"   "5261044"   "5276789"   "5295244"   "5315580"   "5414809"   "5471399"   "5572640"   "5649132"   "5819028"   "5825775"   "6115743").PN.	USPAT	OR	OFF	2003/04/10 19:28
S62	0	(optical adj concentrator\$1) and audit	USPAT	OR	OFF	2003/04/12 11:42
S63	9	(optical adj concentrator\$1) and tool	USPAT	OR	OFF	2003/04/12 11:42
S64	149	optical adj concentrator\$1	USPAT	OR	OFF	2003/04/12 11:44
S65	14	(optical adj concentrator\$1) and digital	USPAT	OR	OFF	2003/04/12 11:44
S66	6	"6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.	USPAT	OR	OFF	2003/04/12 12:47
S67	1	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and pars\$3	USPAT	OR	OFF	2003/04/12 12:49
S68	4	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (analy\$4 or interpret\$3)	USPAT	OR	OFF	2003/04/12 13:00
S69	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and additional	USPAT	OR	OFF	2003/04/12 13:00
S70	1	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (additional adj3 information)	USPAT	OR	OFF	2003/04/12 13:03

## EAST Search History

S71	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (information)	USPAT	OR	OFF	2003/04/12 13:12
S72	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (problem\$ or alarm\$ or fault\$1 or error\$1)	USPAT	OR	OFF	2003/04/12 13:16
S73	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (device)	USPAT	OR	OFF	2003/04/12 13:16
S74	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (status same device)	USPAT	OR	OFF	2003/04/12 13:16
S75	5	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (status same device)	USPAT	OR	OFF	2003/04/12 13:22
S76	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (quer\$3 or call\$3 or poll\$3 or prob\$3 or inquir\$3 or search\$3)	USPAT	OR	OFF	2003/04/12 13:28
S77	3	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (optical)	USPAT	OR	OFF	2003/04/12 13:30
S78	5	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (fiber or sonet or leased)	USPAT	OR	OFF	2003/04/12 13:32
S79	4	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (protocol)	USPAT	OR	OFF	2003/04/12 13:33
S80	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (protocol\$1)	USPAT	OR	OFF	2003/04/12 13:39

## EAST Search History

S81	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (perform\$4)	USPAT	OR	OFF	2003/04/12 13:52
S82	1	"6115743".pn.	USPAT	OR	OFF	2003/04/12 13:52
S83	1	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and "1622"	USPAT	OR	OFF	2003/04/12 13:58
S84	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (correlat\$3 or relationship\$1 or relat\$3 or correspond\$3)	USPAT	OR	OFF	2003/04/12 14:01
S85	1	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (characteristic)	USPAT	OR	OFF	2003/04/12 14:01
S86	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (associat\$3)	USPAT	OR	OFF	2003/04/12 14:02
S87	6	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (device)	USPAT	OR	OFF	2003/04/12 14:21
S88	4	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (threshold)	USPAT	OR	OFF	2003/04/12 14:24
S89	5	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (parameter\$1)	USPAT	OR	OFF	2003/04/12 14:37
S90	2	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (impact)	USPAT	OR	OFF	2003/04/12 14:38
S91	4	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (area)	USPAT	OR	OFF	2003/04/12 14:48
S92	3	("6115743".pn. or "6229540".pn. or "5867689".pn. or "6456306".pn. or "5819028".pn. or "6212511".pn.) and (rules)	USPAT	OR	OFF	2003/04/12 16:22

## EAST Search History

S93	2	"6115743".pn. or "6229540".pn.	USPAT	OR	OFF	2003/04/12 16:22
S94	2	"5914966"	USPAT	OR	OFF	2003/04/13 07:44
S95	13	"4156109"	USPAT	OR	OFF	2003/04/13 09:11
S96	0	"6449350".URPN.	USPAT	OR	OFF	2003/04/13 09:11
S97	18	("4156109"   "4456788"   "5042064"   "5159625"   "5333183"   "5359649"   "5410589"   "5488715"   "5519697"   "5539815"   "5606601"   "5696902"   "5854834"   "5881137"   "5896445"   "5905785"   "5933481"   "6011838").PN.	USPAT	OR	OFF	2003/04/13 09:11
S98	6	"5042064".pn. or "5488715".pn. or "5881137".pn. or "5949862". pn. or "6430278".pn. or "6449350".pn.	USPAT	OR	OFF	2003/04/13 09:16
S99	18	"5367394".pn. or "5561542".pn. or "5663819".pn. or "5968122". pn. or "5995256".pn. or "6026500".pn. or "6072609".pn. or "6154273".pn. or "6233074". pn. or "6344910".pn. or "6377725".pn. or "6470385".pn. or "6529473".pn. or "6583901". pn. or "6584535".pn. or "6678475".pn. or "20010012141" or "20020069275"	US-PGPUB; USPAT	OR	ON	2004/12/20 16:46
S10 0	12	S99 and automatic\$4	US-PGPUB; USPAT	OR	ON	2004/12/20 16:46
S10 1	14	S99 and (configuration or performance or functionality)	US-PGPUB; USPAT	OR	ON	2004/12/20 16:47
S10 2	8	S100 and S101	US-PGPUB; USPAT	OR	ON	2004/12/20 16:55
S10 3	21	"6456306" or "6115743" or "6229540"	US-PGPUB; USPAT	OR	ON	2004/12/20 16:56
S10 4	2	S103 and parsing	US-PGPUB; USPAT	OR	ON	2004/12/20 17:06
S10 5	17	S103 and performance	US-PGPUB; USPAT	OR	ON	2004/12/20 16:58
S10 6	7	S103 and pars\$3	US-PGPUB; USPAT	OR	ON	2004/12/20 17:07